



Application for a permit to operate Schedule 13 small waste incineration plant

Local Authority – Pollution Prevention and Control

Pollution Prevention and Control Act, 1999

Environmental Permitting (England and Wales) Regulations 2010 (as amended)

Introduction

When to use this form

Use this form if you are sending an application for a 'Schedule 13A' installation to a Local Authority under the above regulations.

Before you start to fill in this form

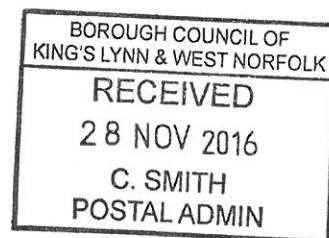
Please read the General Guidance Manual for Part A2 and Part B installations. This contains a list of other documents you may need to refer to when you are preparing your application, and explains some of the technical terms used. You are also urged to speak to the officer who will be dealing with the application. You can find out who this is by ringing 01553 616200 and asking for the Environmental Quality Section or emailing:-

EHandHEnvironmentalQuality@west-norfolk.gov.uk

Which parts of the form to fill in

You should fill in as much of this form as possible. The appropriate fee must be enclosed with the application to enable it to be processed further. When complete return to:

Environmental Quality Section
Environmental Health & Planning
Kings Court
Chapel Street,
Kings Lynn
PE30 1EX



Other documents you made need to submit

There are a number of other documents you will need to send us with your application. Each time a request for a document is made in the application form you will need to record a document reference number for the document or documents that you are submitting in the space provided on the form for this purpose. Please also mark the document(s) clearly with this reference number and the application reference number, if you have been given one. You can request an application reference number from the officer dealing with your application.

Using continuation sheets

In the case of the questions on the application form itself, please use a continuation sheet if you need extra space; but please indicate clearly on the form that you have done so by stating a document reference number for that continuation sheet. Please also mark the continuation sheet itself clearly with the information referred to above.

Copies

Please send the original and a copy of the form and all other supporting material, to assist consultation.

If you need help and advice

We have tried to make the application form as straightforward as possible, but please get in touch with us at the address given above if you need any advice on how to set out the information we need.

LA-IPPC Application Form: to be completed by the operator

For Local Authority use		
Application Reference:	Officer Reference:	Date received:

Section 1 Installation basics**1.1 Name of the installation**

Freedom Resource Conversion

1.2 Address of the site of the installation

Freedom Farm, Cowle's Drove, Hockwold, Thetford

Postcode IP26 4JQ

Telephone 01842 828888

Ordnance Survey national grid reference 8 characters, for example, SJ 123 456

☐ TL 717 873

1.3 Existing environmental permits

Please give details of any existing environmental permits for the installation, or any waste management permits or water discharge consents, including reference number(s) and type(s):

Environmental Permits (Waste Operations) EPR/KP3796NE

Environmental Permits (Waste Operations) - EAWML 75188

(As outlined on the EA website - <http://epr.environment-agency.gov.uk/ePRInternet/SearchDetails.aspx?rt=V01M>)

Section 2 The operator

Please provide the information requested below about the "Operator", which means the person who it is proposed will have control over the installation in accordance with the permit (if granted)

2.1 The Operator – Please provide the full name of company or corporate body

☐ Freedom Resource Conversion

Trading/business name (if different)

Registered Office address

Freedom Farm, Cowle's Drove, Hockwold, Thetford

Postcode: IP26 4JQ

Principal Office address (if different)

Postcode:

Company registration number

10123585

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2.2 Holding Companies

Is the operator a subsidiary of a holding company within the meaning of Section 736 of the Companies Act 1985?

No ☒Yes ☐ name of ultimate holding company

Registered office address

Postcode:

Principal Office address (if different)

Postcode:

Company registration number:

Section 3 Who can we contact about your application?

It will help us to have someone who we can contact directly with any questions about your application. The person you name should have the authority to act on behalf of the operator. This could be an agent or consultant rather than the operator.

Name Paul Bolye / Ian CallawayPosition DirectorAddress:

FRC, Freedom Farm

Cowles Drove, Hockwold,

Thetford

Postcode IP26 4JQTelephone number 01842 82888Fax Number Email address i.callaway@freedomresourceconversion.com

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Section 4 Site plans

4.1 Please provide:-

* A suitable map showing the location of the installation clearly defining extent of the installation in red

[FRC LA-IPPC Supporting Document – Appendix 1, Figure 1]

* A suitable plan showing the layout of activities on the site, including bulk storage of materials, waste storage areas and any external emission points to atmosphere

[FRC LA-IPPC Supporting Document – Appendix 1, Figure 2]

* A suitable plan showing the site drainage system and all discharge points to drainage or watercourses.

[FRC LA-IPPC Supporting Document – Appendix 1 Figure 3]

Section 5 Waste types and activities

5.1 Complete Table 1 to provide a complete list of waste types to be incinerated in the plant. Refer to appendix for codes (use a separate sheet if required, Document reference [FRC LA-IPPC Supporting Document – Appendix 2, Section 5.1])

Table 1: Waste types to be pyrolised			
Code	Description	Source	Quantity (tonnes per annum)
20 01 39	Municipal plastics	MRFs, HWRCs and transfer stations	3500
15 01 02	Plastic packaging	Food producers and de-packaging plants	500
02 01 04	Agricultural films	Farms	1500
07 02 13	Waste plastic from plastic manufacturing	Manufacturing companies	500
12 01 05	Plastic turnings and shavings	Engineering companies and manufacturers	500
16 01 19	Plastics from end of life vehicles	Vehicle dismantlers and scrap yards	0
17 02 03	Plastic from construction	Construction site and transfer stations	500
19 12 04	Plastics from waste treatment facilities	MRFs and plastic recyclers	3000

5.2 Delivery and reception of waste Provide a description of the proposed waste reception and handling arrangements, including

- * the precautions to be taken against the pollution of land, air and water
- * precautions against noise and odour and other potential risks to human health
- * how the mass of received waste will be measured

[FRC LA-IPPC Supporting Document – Appendix 2, Section 5.2]

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5.3 information about waste arriving at the site Provide details of how information about waste being accepted on site will be collected and checked. You must include

- * how you will check the documentation accompanying the waste
- * how you will confirm the suitability of the waste for combustion, including physical and (as far as practicable) chemical information
- * how you will determine the precautions to be taken in handling the waste
- * the sampling of waste to be undertaken to check that the documentation is accurate

[FRC LA-IPPC Supporting Document – Appendix 2, Section 5.3]

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Section 6 The small waste incineration plant

6.1 Description of plant Provide in Table 2 a full description of the plant, with additional information referenced. If there is no place in the table for the details please use a separate sheet.

Table 2: Description of plant					
Manufacturer		Confidential		Proposed stack and discharge conditions	
Model				Stack height (m)	7.5
Year of manufacture		2016		Efflux speed (m/s)	n/a
Serial number (if known)				Efflux temperature (K)	ambient
Thermal input kW		n/a		Rate of pyrolysis (kg/h)	
				n/a	
Secondary combustion chamber/ afterburner					
Afterburner fitted		n/a		Inlet temp	ambient
Residence time (s)		n/a		Outlet temp	ambient
				Additional information	
				Technical drawing	

6.2 Chimney height calculation and dispersion modelling Provide a chimney height calculation and any available dispersion modelling information for the appliance described in Table 2

[7.5m, 1 meter above the building apex

FRC LA-IPPC Supporting Document – Appendix 2, Section 6.2 – 6.4]

6.3 Secondary combustion temperature and residence time Provide a secondary chamber residence time calculation or equivalent information from the manufacturer or supplier.

[FRC LA-IPPC Supporting Document – Appendix 2, Section 6.2 – 6.4]

6.4 Energy recovery Provide a description of the proposed energy recovery from the incineration process, including any proposals for the generation and use of heat, steam or power

[FRC LA-IPPC Supporting Document – Appendix 2, Section 6.2 – 6.4]

6.5 Monitoring Provide details of the proposed emissions monitoring, including continuous monitoring, recording systems and periodic extractive monitoring. If any monitoring has been undertaken please provide the details of emission concentrations and quantify in terms of mass emissions. If no monitoring has been undertaken please state this.

[FRC LA-IPPC Supporting Document – Appendix 2, Section 6.5]

6.6 Prevention of operation in certain circumstances Describe the systems to be employed to prevent the feeding of waste into the plant until the secondary combustion chamber temperature is at least 850oC at startup or if the temperature falls below 850oC in operation or in the event of the failure of waste gas cleaning systems.

[FRC LA-IPPC Supporting Document – Appendix 2, Section 6.6]

6.7 Minimisation of residues Provide a description of the techniques to be used to minimise the amount and harmfulness of any residues from the incineration process, including any proposed recycling

[FRC LA-IPPC Supporting Document – Appendix 2, Section 6.7]

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6.8 Accidents and incidents Describe the action you propose to take in the event of accidents or incidents involving the incinerator. You should describe each type of incident and the appropriate response.

[FRC LA-IPPC Supporting Document – Appendix 2, Section 6.8]

6.9 Waste waters Describe the precautions to be taken against the pollution of the soil, surface water or ground water. In particular, describe the containment arrangements for contaminated rainwater run-off from fire-fighting operations.

[FRC LA-IPPC Supporting Document – Appendix 2, Section 6.9]

Section 7 Management and training

7.1 Competent person Describe how the person who will be responsible for the day to day operation of the incineration plant will be selected and trained, and how that person's competence to operate the plant will be checked and reviewed.

[FRC LA-IPPC Supporting Document – Appendix 2, Section 7]

7.2 Environmental management system Describe the management systems to be used to ensure that you comply with the conditions of an environmental permit if the application is granted. In particular describe

- * the schedule of maintenance covering all plant and equipment at the installation
- * record keeping systems covering the acceptance of waste, recording of maintenance, records of emission monitoring, training
- * how employees are to be trained in their responsibilities in respect of compliance with the conditions of an environmental permit if it is granted
- * notification of relevant bodies in the event of an incident or abnormal emissions

Section 8 Application fee and annual charges

The application cannot be processed unless the correct application fee is enclosed or payment has been made by another means.

8.1 Application fee

Either

I/We enclose a cheque PAYABLE TO BCKLWN for the application fee of £3,218_____

Or, if you have made arrangements to pay by another method:

Payment of the fee of £3,218 has been made by cheque

Please provide a reference for the payment – FRC01_____

If we grant you a permit, you will be required to pay an annual subsistence charge. Failure to do so will result in revocation of your permit and you will not be able to operate your installation.

8.1 Invoicing

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Please provide details of the address you wish invoices to be sent to and details of someone we may contact about fees and charges within your finance section.

Postcode: _____ Telephone: _____

Section 9 Commercial confidentiality

☐ **9.1** Is there any information in the application that you wish to justify being kept from the public register on the grounds of commercial confidentiality?

No ☐

Yes ☒

Please provide full justification, considering the definition of commercial confidentiality within the PPC regulations.

Doc Reference FRCCIC01

9.2 Is there any information in the application that you believe should be kept from the public register on the grounds of national security?

No ☒

Yes ☐

☐ Do not write anything about this information on the form. Please provide full details on separate sheets. You should also provide a copy of the application form to the Secretary of State for a Direction on the issue of National Security.

Section 10 Data Protection

The information you give will be used by the Local Authority to process your application. It will be placed on the relevant public register and used to monitor compliance with the permit conditions. We may also use and or disclose any of the information you give us in order to:

- consult with the public, public bodies and other organisations,
- carry out statistical analysis, research and development on environmental issues,
- provide public register information to enquirers,
- investigate possible breaches of environmental law and take any resulting action,
- prevent breaches of environmental law,
- assess customer service satisfaction and improve our service.

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We may pass on the information to agents/representatives who we ask to do any of these things on our behalf.

Section 11: Declarations

11.1 Any previous relevant offences (delete whichever is inapplicable)

We certify

No offences have been committed in the previous five years which are relevant to our competence to operate this installation in accordance with the EP Regulations.

Signature I. Callaway P. Boyle
 Position P. Boyle / I. Callaway DIRECTORS
 Date 23/11/16

11.2 Signature of applicant(s)

I/We certify that the information in this application is correct. I/We apply for a permit in respect of the particulars described in this application (including supporting documentation) I/We supplied.

Please note that each individual operator must sign the declaration themselves, even if an agent is acting on their behalf.

For the application from:

Installation name: FRC
 Signature: I. Callaway P. Boyle
 Name: Mr P Boyle / Mr I Callaway
 Position: Directors
 Date: 23/11/16

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Signature: _____

Name: _____

Position: _____

Date: _____

* Where more than one person is defined as the operator, all should sign. Where a company or other body corporate – an authorised person should sign and provide evidence of authority from the board of the company or body corporate.

Section 12 Offences

It is an offence under Regulation 38 of the EP Regulations, for the purpose of obtaining a permit (for yourself or anyone else) to:

- make a false statement which you know to be false or misleading in a material particular,
- recklessly make a statement which is false or misleading in a material particular.

If you make a false statement

- we may prosecute you, and
- if you are convicted, you are liable to a fine or imprisonment (or both).